

DEUREX EO 4510 W

TECHNICAL INFORMATION

Chemical description: Water-based dispersion of polar oxidized HDPE wax DEUREX EO 45

Benefits: DEUREX EO 45 probably the hardest wax in the world

Application: Water-based dispersion for

- Textile industry
- Lubricant and release agent
- Care products
- Coatings and inks
- Paper industry
- Hotmelts

Properties:

- High abrasion and scratch resistance
- Improved slip

Solid content: Polar oxidized HDPE wax

Solvent: Water

Technical data:

Colour:	White opaque
Delivery form:	Liquid
Packaging:	IBC 950 kg, drum 200 kg, canister 10 kg

	Minimum	Maximum	Method
Drop point (wax):	132 °C	135 °C	ASTM D 3954
Solid content*:	44 %	46 %	IR Moisture-Analyzer
Particle size*: Typical value:		98 % < 10 µm 50 % ~ 6 µm	ISO 1524
Emulsifier system:	non-ionic		
pH-value:	3.0	6.0	pH-Electrode

* part of certificate of analysis

Processing:

- Stir well before usage
- Consume quickly after opening

Storage, shelf life:

- Store at temperatures between +5 °C and +28 °C
- Avoid frost
- Shelf life 6 months in closed original container

Alternative products: <https://www.deurex.com/productsearch/DEUREX-EO-4510-W/>

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